

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 1 | 253 | 349/179 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:14 |
| 2 | 194 | 349/180 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:14 |
| 3 | 223 | 349/181 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:14 |
| 4 | 434 | 349/182 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:15 |
| 5 | 826 | 349/186 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:15 |
| 6 | 3 | 349/\$6 and ((liquid near3 crystal) or lcd) and viscosity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:15 |
| 7 | 2282 | 349/\$6 and ((liquid near3 crystal) or lcd) and viscosity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:15 |
| 8 | 1525 | (349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and nematic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:16 |
| 9 | 149 | ((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and nematic) and gradient | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:16 |
| 10 | 1699 | 349/179 or 349/180 or 349/181 or 349/182 or 349/186 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:31 |
| 11 | 20 | ((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and nematic) and gradient) and (349/179 or 349/180 or 349/181 or 349/182 or 349/186) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:16 |
| 12 | 440 | (349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:38 |

| | | | | |
|----|----|--|---|------------------|
| 13 | 82 | ((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:34 |
| 15 | 1 | (349/179 or 349/180 or 349/181 or 349/182 or 349/186) and (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:33 |
| 14 | 44 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:37 |
| 16 | 36 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic)) and phase | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:34 |
| 18 | 33 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic)) and phase) and temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:34 |
| 19 | 1 | ((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and (gradient near6 (viscosity or velocity)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:36 |
| 20 | 94 | ((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:36 |
| 21 | 29 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic)) and (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:37 |
| 22 | 27 | ((((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and gradient) and (nematic or smectic)) and (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear))) and phase and temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:37 |
| 23 | 64 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear)) and (nematic or smectic) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:37 |
| 24 | 60 | (((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear)) and (nematic or smectic)) and phase and temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:37 |
| 26 | 2 | ((((((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear)) and (nematic or smectic)) and phase and temperature) and coefficient) and (349/179 or 349/180 or 349/181 or 349/182 or 349/186) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:38 |

| | | | | |
|----|-----|--|---|------------------|
| 25 | 60 | (((((349/\$6 and ((liquid near3 crystal) or lcd) and viscosity) and coefficient) and ((gradient near6 (viscosity or velocity)) or shear)) and (nematic or smectic)) and phase and temperature) and coefficient | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:53 |
| 27 | 401 | 349/177 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:53 |
| 28 | 361 | 349/184 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/02 11:53 |
| - | 7 | ("5337174" "5380459" "5472635").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 09:11 |
| - | 69 | (liquid near3 crystal) and nematic and (viscosity near3 coefficient) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 12:16 |
| - | 64 | ((("5337174" "5380459" "5472635").PN.) or ((liquid near3 crystal) and nematic and (viscosity near3 coefficient))) and temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 12:17 |
| - | 26 | (((("5337174" "5380459" "5472635").PN.) or ((liquid near3 crystal) and nematic and (viscosity near3 coefficient))) and temperature) and smectic and (tilt or pretilt or angle) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 12:19 |
| - | 242 | 349/179 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 10:10 |
| - | 188 | 349/180 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 10:10 |
| - | 212 | 349/181 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 10:10 |
| - | 419 | 349/182 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 10:10 |
| - | 817 | 349/186 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/05 10:10 |

| | | | | |
|---|------|---|---|------------------|
| - | 3957 | 349/\$6 and nematic and (viscosity or fast or speed or pi-cell) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 09:16 |
| - | 862 | 349/\$6 and nematic and viscosity and (fast or speed or pi-cell) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 09:16 |
| - | 28 | 349/\$6 and nematic and (viscosity near3 coefficient) and (fast or speed or pi-cell) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 09:47 |
| - | 3 | 349/\$6 and nematic and (viscosity near3 coefficient) and smectic and polymer and parallel and anisotrop\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:05 |
| - | 0 | 349/\$6 and nematic and (viscosity near3 coefficient) and smectic and polymer and parallel and anisotrop\$3 and switch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:06 |
| - | 3 | 349/\$6 and nematic and (viscosity near3 coefficient) and smectic and polymer and parallel and anisotrop\$3 and switch\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:08 |
| - | 2 | 349/\$6 and (phase near8 (nematic and smectic)) and (viscosity near3 coefficient) and polymer and parallel and anisotrop\$3 and switch\$4 and surface | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:10 |
| - | 11 | (surface near3 mode near3 liquid near3 crystal) and nematic and viscosity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:12 |
| - | 8 | (surface near3 mode near3 liquid near3 crystal) and nematic and smectic and viscosity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:46 |
| - | 0 | (surface near3 mode near3 liquid near3 crystal) and nematic and smectic and shear | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 10:46 |